# WESTFIELD PUBLIC WORKS



October 21, 2008

BOARD OF PUBLIC WORKS J. ANDREW COOK, MAYOR JOHN B. HART, BOARD MEMBER PATRICK TAMM, BOARD MEMBER

CHIEF ADMINISTRATIVE OFFICER BRUCE A. HAUK

> DIRECTOR OF PUBLIC WORKS KURT J WANNINGER

The Schneider Corporation Attn: Mr. Brandon T. Burke 8901 Otis Avenue Indianapolis, IN 46216

RE: Primrose School of Westfield Construction Plan Review

Dear Mr. Burke:

The Westfield Public Works Department has reviewed the proposed construction plans for the above project and offers the following comments:

### General

- 1. I have attached the original plans with our comments. Please provide one (1) set of revised plans showing our comments and revisions along with our original marked-up set.
- 2. The review checklist attached shows the deficient areas that need correction. Any item in green is acceptable. Any item in blue is not applicable. Any item in red/orange needs to be addressed.
- 3. Please provide 110% performance bonds for all public infrastructures. The bond application forms are attached and the bonds must be executed before any construction commences.
- 4. Please provide an electronic file of this project and note our digital as-built requirements.
- 5. Please note additional comments may be warranted at a later date.

#### Water

- 1. Please add a note stating that all fire hydrants shall be painted with 2-coats of MAB "Fire Protection Red (7068)" after installation. Private fire hydrants shall be painted with 2 coats of MAB "Caution Yellow (7077)".
- 2. Please add a note stating that blue reflectors shall be installed in pavement to mark fire hydrants (private and public) per the City of Westfield's Utility and Infrastructure Construction Standards.

- 3. Please add a note stating that fire hydrants shall have a 5-inch Storz's connection (Mueller model 290220 for casting and 290221 cap or comparable to and approved by WPWD). Fire hydrants shall be placed per the direction of the Westfield Fire Department.
- 4. Please add a note stating that if a main is 8-inches or smaller, then C900 pipe can be used. The main shall be saddle tapped and bedded with sand 6-inches under and 12-inches over the pipe with marking tape installed 2-feet above the water main. Number twelve (#12) gauge locating wire shall be taped to the top of the main and pulled through all valve boxes (to the surface) for locating purposes. If ductile iron pipe is used, the main must be poly wrapped and marking tape installed 2-feet above the water main.
- 5. Please provide a completed NOI application for water construction and provide the fee along with the application. The check should be made out to the City of Westfield Public Works in the amount of \$300.00.
- 6. Please end the fire line on the northern end of the property with a temporary hydrant.
- 7. No water main shall be within eight (8) feet of a sanitary sewer manhole, a storm sewer manhole or a drainage grate support structure as measured from the outside edge of the water main to the outside edge of the sanitary sewer manhole, storm sewer manhole, or drainage grate support structure. There is a water main crossing a storm pipe in between 605 and 604 that does not meet these requirements. Please adjust the island to ensure proper clearance.
- 8. Please add a separate sheet for the water.

#### Sanitary Sewer

- 1. Please add a note stating that all sanitary sewer laterals must have locate wire run when installing.
- 2. Please extend the sanitary main north along the eastern side of your property. Please call out size and material being used. Bring the lateral from the eastern main and add a type 2 cleanout 100' from where the lateral enters the building. Use type 1 cleanout for the cleanout in front of the building.
- 3. Please add a detail for the type 2 cleanout.
- 4. Please add a sanitary plan and profiles to these plans.
- 5. Please add a note to the plans stating that all proposed road crossings must be fully backfilled with a granular material.
- 6. Please provide a completed application for sanitary construction and provide the fee along with the application. A check should also be made out to City of Westfield Public Works for the permit in the amount of \$300.00.

#### **Storm Sewer**

- 1. Please provide a copy of the HCSO outlet permit.
- 2. Please provide a completed NOI application for storm water construction and provide the fee along with the application. A \$100.00 check should be made out to IDEM and our office will forward the NOI information to IDEM.
- 3. Please provide a storm sewer data chart.
- 4. Please specify types of inlets, manholes and type of material used.
- 5. Please show distance and slope for all drainage swales.
- 6. The top of bank for the retention pond must be at least 50' from the right of way. In lieu of this distance you may provide a berm or guard rail. Since there is no ROW the distance was measured from the edge of pavement. In this area please provide a type II barrier curb.

#### **Erosion Control**

- 1. Please add a note stating that all erosion control material needs to be approved by the WPWD inspectors prior to installation.
- 2. Please add an area for refueling; this area needs to be stoned with #2 or #3 stone.
- 3. A secondary containment unit will be required for the fuel container.
- 4. The pond bank needs to have an erosion control blanket. Please indicate this on the legend.
- 5. Please add silt fence where shown on sheet C104.
- 6. Please add an erosion control blanket to stabilize the northern portion of your property.
- 7. Use Westfield standard detail EC-4 for your silt fence detail.
- 8. Silt fence inlet protection will not be accepted. Please use welded wire baskets for all beehive structures.
- 9. Please provide a fiber mat detail for all curb inlets. Basket curb inlet protection may be acceptable so long as it is not "dandy bag".
- 10. Please provide detail EC-2 for erosion control blankets.
- 11. Please provide a paved area inlet protection detail.
- 12. How will storm drain outlet to existing pond?

These review comments, submitted plans, and TAC meeting do not constitute approval for construction by the Westfield Public Works Department. You will be informed when the proposed construction plans are acceptable. At that time you will submit eight (8) sets of plans to be stamped as being accepted by WPWD. All construction plans must be stamped by this office before

construction can commence. After plans have been approved, please call for a Pre Construction meeting.

I thank you in advance for your cooperation and efforts to move this development along successfully. If you should have any questions or concerns regarding my comments or the above information, please call me at the below listed number.

Sincerely,

Pete White Plan Reviewer Development/Construction pwhite@westfield.in.gov

Cc: Al Salzman, Westfield Planning Department Garry Harling, Westfield Fire Department Greg Hoyes, HCSO Mark McCauley, HCSWD





Kenton C. Ward, CFM Surveyor of Hamilton County Phone (317) 776-8495 Fax (317) 776-9628

Suite 188 One Hamilton County Square Noblesville, Indiana 46060-2230

October 10, 2008

The Schneider Corporation ATTN: Brandon Burke Historic Fort Harrison 8901 Otis Avenue

Indianapolis, IN. 46216-1037

VIA E-MAIL: bburke@schneidercorp.com

## RE: Bridgewater Marketplace - Primrose School of Westfield

Dear Mr. Burke,

We have reviewed the construction plans submitted to the Hamilton County Surveyor's Office on October 6, 2008, for this project and have the following comments:

- 1. The proposed project falls in the incorporated area and MS4 jurisdiction of the City of Westfield.
- 2. The proposed project DOES NOT fall in a Westfield Wellhead Protection Zone.
- 3. The proposed project falls in the U.G. Mitchner Regulated Drain Watershed.
- 4. The Hamilton County Surveyor's Office agrees the detention volume for this proposed project has been accommodated in the master design.
- 5. Please submit an indirect outlet permit to the U.G. Mitchner Regulated Drain. The application is available on our website at <a href="http://www.co.hamilton.in.us">http://www.co.hamilton.in.us</a>, go to Departments, Surveyor, and Forms.
- 6. With the outlet permit, please submit a final set of construction plans and drainage calculations, if any changes are made at the request of the TAC agencies.

7. Please note that further comments may be necessary at a later date.

Should you have any questions, I can be reached at 317-776-8495.

Sincerely,

Greg Hoyes, AC, CFM

Plan Reviewer

CC: Donna Luley – Westfield Public Works

Al Salzman – City of Westfield

Dave Lucas – HCHD

Primrose School Franchising Company